

REMOVAL SITE INITIALIZATION

SITE SUMMARY, DISCOVERY, and ASSESSMENT

ORIGINAL
Rec'd

EPA ID #: PA0002371268

Site Name: AMERICAN REFINING GROUP (ARG)

Ref. #
(WasteLAN ID #): 0305364

Street Address: 77 NORTH HENDALL AVE.

Date Submitted
for EPA ID #: 1 1

City: BRADFORD State: PA

Zip Code: 16701 County: MCLEAN

Site: SITE SUMMARY

Add Site: ☒

Edit Site: ☐

Federal Facility
Indicator:

- ☒ (Y) Federal Facility
☒ (N) Not a Federal Facility
☐ (D) Status
Undetermined

Owner Indicator:

- ☐ (ST) State Owned
☐ (FF) Federal Owned
☐ (CO) County Owned
☐ (PR) Privately Owned
☐ (MN) Municipality
☐ (OH) Other
☐ (UN) Unknown

Incident Type:

- ☒ Blank
☒ (O) Oil Spill
☐ (N) Non-Oil Spill

NPL Status

Indicator:

- ☒ (N) Not on NPL
☐ (F) Currently on
Final NPL

Cost Recovery
Indicator:

E

Category :

- ☐ (A) Abandoned
☐ (B) Chemical Plant
☐ (G) Groundwater
☐ (H) Housing Area
☐ (T) Mines/Tailings
☐ (N) Military Related

- ☐ (I) Industrial Waste Treatment
☐ (L) Landfill
☐ (M) Manufacturing Plant
☐ (O) Other (Specify: _____)
☐ (V) Waterways/Creeks/Rivers
☐ (W) Wells

Site Classification:

- ☒ (F) Fund Lead
☐ (FE) Federal Enforcement

- ☐ (ND) No Determination
☐ (SE) State Enforcement
☐ (NG) Fund Lead Negotiation

RPM/OSC Name: VINCENT E. ZENONE

Phone: (215) 566-3267

Other Regional Contact: _____

Phone: ()

Dump Site No. (C0498)

PA-3325

Site Description

Enter: _____

REMOVAL SITE INITIALIZATION
SITE SUMMARY, DISCOVERY and ASSESSMENT - Continued
PAGE 2

Event: DISCOVERY

Add Discovery: ☒

Edit Discovery: ☐

Operable Unit: 00 Event: DS

Lead: ☒ (F) Fund Financed
☐ (S) State Financed

Actual Complete Date: 5/13/98

SCAP Note: _____

First Complete Indicator: A

Contact Name: VINCENT E. ZENONE

Contact No: (215) 566-3267

Event: ASSESSMENT

Add Assessment: ☒

Edit Assessment: ☐

Operable Unit: 00

Event: ☒ (YA 1) NON-NPL REMOVAL ASSESSMENT
Region Specific Removal Assessment - Non NPL

☐ (RS) Removal Investigations - NPL

Lead: F

Planning Status: P

SCAP Note: _____

Actual Start Date: 5/13/98

Actual Complete Date: 5/14/98

First Start Indicator: _____

First Complete Indicator: _____

Contact Name: VINCENT ZENONE

Contact No. (215) 566-3267

Menu Options: COMMENTS

Add Comments: ☒

Edit Comments: ☐

Categorize event comments by the following subject areas:

AT = Actions Taken
DQ = AUDT-26
ID = Site/Incident Description
MA = Materials
TH = Threats

Prepared By: A. Fox

Date: 5/27

Entered By: J. Fox

Date: 5/28

QA'd By: _____

Date: _____

POLREP 01 AND FINAL
AMERICAN REFINING GROUP (ARG)
MINOR OIL SPILL EMERGENCY RESPONSE
FOSTER BROOK AND TUNUNGWANT CREEK
77 NORTH KENDALL AVE
BRADFORD, MCKEAN CO., PA 16701

ATTENTION: D. CARNEY (3HS30)
C. KLEEMAN (3HS31)
K. MELVIN (3HS32)
R. MERO (5204G)
D. HOLLER, PADEP-MEADVILLE
T. TANSEY, USCG-NPFC

I. SITUATION: 1730 HOURS 05/14/98

A. AT APPROXIMATELY 1030 HOURS ON WEDNESDAY, 05/13/98, A DISCHARGE OF CRUDE OIL OCCURRED FROM THE AMERICAN REFINING GROUP (ARG) REFINERY IN BRADFORD, MCKEAN CO., PA. THE SOURCE OF THE DISCHARGE WAS THE RAIL CAR LOADING/UNLOADING RACK. THE CAUSE OF THE DISCHARGE WAS EQUIPMENT FAILURE. CRUDE OIL ENTERED INTO FOSTER BROOK AND INTO TUNANGAWANT CREEK APPROXIMATELY 200 YARDS DOWNSTREAM. ARG NOTIFIED THE NRC, PADEP, NYDEC, SENECA INDIAN RESERVATION AND PAFBC OF THE INCIDENT. ARG COMMENCED CONTAINMENT AND CONDUCTED THE CLEAN-UP. OSC ZENONE VERBALLY SERVED FEDERAL INTEREST TO ARG, AND DISPATCHED SATA TO THE SCENE TO ASSESS THE SITUATION, PROVIDE TECHNICAL ASSISTANCE TO THE LEAD AGENCY (PADEP) AND/OR THE LOCAL RESPONSE COMMUNITY, ESTIMATE THE MAGNITUDE OF THE DISCHARGE AND DOCUMENT THE CLEANUP EFFORTS.

II. ACTIONS TAKEN:

A. AT APPROX 1215 HOURS ON 05/13/98, OSC ZENONE WAS INFORMED VIA A TELEMESAGE FROM PADEP-ERPM DAN HOLLER THAT AN OIL SPILL HAD OCCURRED FROM THE ARG REFINERY IN BRADFORD AND THAT PADEP-WQS DON HANNAH WAS ENROUTE TO THE SCENE.

B. AT APPROX 1220 HOURS, OSC ZENONE CONTACTED DON HART (ARG'S MANAGER OF SAFETY AND HEALTH AND ENVIRONMENTAL ASSESSMENT) TO GATHER ADDITIONAL INFORMATION CONCERNING THE DISCHARGE AND TO SERVE NOTICE OF FEDERAL INTEREST. MR. HART INDICATED THAT OIL HAD BEEN DISCOVERED DISCHARGING FROM AN UNDETERMINED LOCATION ALONG THE RAIL LINE AT THE UNLOADING RACK. THE DISCHARGE HAD BEEN SECURED BY SHUTTING OFF A SERIES OF VALVES. NO VOLUME ESTIMATES WERE AVAILABLE AT THIS TIME. ARG HAD DEPLOYED BOOM AND THEIR CLEANUP CONTRACTOR (WEAVERTOWN ENVIRONMENTAL GROUP) WAS RESPONDING TO THE SPILL SCENE. OSC ZENONE REQUESTED MR. HART RELAY A MESSAGE TO PADEP-WQS HANNAH TO CONTACT HIM ASAP.

C. AT APPROX 1415 HOURS, SATA CHECKED-IN WITH OSC ZENONE

FROM THE AVERY FARM SITE IN NEARBY CUSTER CITY, PA. OSC ZENONE ISSUED A VERBAL TDD FOR SATA TO CONDUCT AN EMERGENCY RESPONSE TO THE SPILL SITE IN BRADFORD, ASSESS THE SITUATION, COORDINATE WITH PADEP, OBTAIN AN UPDATE FROM ARG, DOCUMENT THE SPILL SCENE AND CLEANUP AND REPORT BACK TO THE OSC.

D. AT APPROX 1418 HOURS, OSC ZENONE RECEIVED A CALL FROM PADEP-ERPM HOLLER WHO WAS ENROUTE TO THE SCENE. PADEP-WQS HANNAH HAD BRIEFED PADEP-ERPM HOLLER THAT APPROPRIATE CLEAN-UP MEASURES HAD BEEN IMPLEMENTED, THAT PADEP-WQS HANNAH WAS CURRENTLY LEAVING THE SPILL SITE (WITH SAMPLES HE COLLECTED) AND THAT NO FEDERAL REMOVAL RESPONSE ACTIVITIES WERE REQUESTED. OSC ZENONE INFORMED PADEP-ERPM HOLLER THAT SATA PERSONNEL HAD ALREADY BEEN DISPATCHED TO THE SCENE TO OBSERVE/DOCUMENT THE DISCHARGE AND CLEANUP.

E. AT APPROX 1500 HOURS, SATA MET WITH ARG REP HART AND OBTAINED BACKGROUND INFORMATION. AT THIS TIME, THE PRECISE LOCATION OF THE SPILL SOURCE AND AN ESTIMATED VOLUME WERE NOT AVAILABLE. SATA TOURED THE SPILL SITE, GATHERED INFORMATION AND/OR OBSERVED THE FOLLOWING:

- AT APPROX 1030 HOURS, AS RAIL CARS WERE BEING UNLOADED, CRUDE OIL SPILLED FROM PIPELINES ASSOCIATED WITH THE RAIL CAR LOADING/UNLOADING RACK. APPARENTLY OIL BACKFLOWED INTO THE PIPELINE, RATHER THAN FLOWING TO THE TANK FARM.

- CRUDE OIL LEAKED FROM THE PIPELINES, INTO THE SECONDARY CONTAINMENT AT THE RAILCAR LOADING/UNLOADING RACK, SEEPED THROUGH THE POROUS SHALE BENEATH THE RAILROAD BED, BYPASSING THE CEMENT CONTAINMENT WALL, AND CONTINUED APPROX 100 FEET DOWNGRADIENT ALONG AN OLD ACCESS ROAD (WHICH USED TO CROSS FOSTER BROOK), AND DISCHARGED INTO FOSTER BROOK, A TRIBUTARY OF TUNANGAWANT CREEK (LOCALLY CALLED "TUNA" CREEK) APPROX 200 YARDS DOWNSTREAM.

- UPON NOTICING THE SPILL, ARG NOTIFIED THE APPROPRIATE AUTHORITIES AND DEPLOYED CLEAN-UP PERSONNEL IMMEDIATELY.

- A BOOM CONTAINMENT STATION WAS SET UP APPROX 1 1/2 MILES DOWNSTREAM AT TUNA CROSSROADS. ARG UTILIZED VAC-TRUCKS TO REMOVE THE MAJORITY OF CRUDE OIL, WHICH WAS CONTAINED AT THIS LOCATION.

- A SECOND BOOM STATION WAS DEPLOYED APPROXIMATELY 2 MILES DOWNSTREAM OF TUNA CROSSROADS NEAR LIMESTONE, NY.

- ARG UTILIZED THEIR CLEANUP CONTRACTOR (WEAVERTOWN ENVIRONMENTAL GROUP) TO INSPECT THE SECTION OF IMPACTED STREAM VIA CANOE, IDENTIFY AREAS REQUIRING ADDITIONAL CLEAN-UP, AND TO ADDRESS THE CLEAN-UP OF THESE AREAS. TWO EDDY AREAS CONTAINED OIL (APPROX 20 GALLONS EACH) THAT HAD POOLED UP AT SHARP BENDS IN THE CREEK.

- AT APPROX 1535 HOURS, PADEP-ERPM HOLLER JOINED SATA AND ARG REP HART TO INSPECT SPILL SITE AND BOOM STATIONS.

- A TERTIARY BOOM HAD BEEN DEPLOYED DOWNSTREAM OF THE LIMESTONE, NY.

ORIGINAL
(Rec)

F. SATA DEPARTED THE SCENE AT APPROX 1705 HOURS AND REPORTED THEIR OBSERVATIONS TO OSC ZENONE AT END OF DAY. OSC ZENONE DIRECTED SATA TO FOLLOW-UP TOMORROW TO ASCERTAIN THE SOURCE AND CAUSE OF THE SPILL, AND TO OBTAIN A VOLUME ESTIMATE ON SPILLED CRUDE OIL.

G. ON 5/14/98, SATA RETURNED TO SITE AND MET BRIEFLY WITH ARG REP HART, WHO INFORMED SATA THAT APPROX 500 GALLONS OF CRUDE OIL WAS RELEASED WHEN OIL BACKFLOWED THROUGH TWO FAILED CHECKVALVES AT THE RAIL CAR LOADING/UNLOADING RACK. AT THE DIRECTION OF PADEP (LEAD AGENCY), ARG HAD ALREADY REMOVED THE CONTAINMENT BOOM THAT HAD BEEN DEPLOYED YESTERDAY FROM THE THREE LOCATIONS ON TUNA CREEK.

III. FUTURE ACTIONS

A. NO FURTHER FEDERAL REMOVAL RESPONSE ACTIONS ANTICIPATED BY THE OSC.

B. THE OSC TO PROVIDE INFORMATION GATHERED DURING THE RESPONSE TO THE REGIONAL SPCC COORDINATOR TO FACILITATE ANY ENFORCMENT FOLLOW-UP CONCERNING INADEQUATE SECONDARY CONTAINMENT AT THE RAIL CAR LOADING/UNLOADING RACK.

C. THE OSC TO PROVIDE INFORMATION GATHERED DURING THE RESPONSE WITH THE USCG-NPFC, AS APPLICABLE, TO FACILITATE ANY CLAIMS FOR REIMBURSEMENT SUBMITTED TO THE USCG-NPFC SUBSEQUENT TO THIS INCIDENT.

VINCENT E. ZENONE, OSC
REMOVAL RESPONSE SECTION (3HS31)

END POLREP 01

ORIGINAL
(Red)

POLREP 01 AND FINAL
AMERICAN REFINING GROUP (ARG)
MINOR OIL SPILL EMERGENCY RESPONSE
FOSTER BROOK AND TUNUNGWANT CREEK
77 NORTH KENDALL AVE
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